

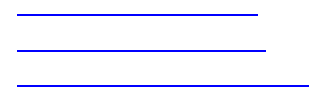


DVD PLAYER DP300

U S E R S
M A N U A L

Norcent Technology, Inc.

550 Cliffside Dr.,
San Dimas, CA 91773
Customer Support: (800) 916-4011



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TECH. SPECIFICATIONS

Color System	NTSC/PAL
Compatible Discs	DVD, CD, MP3, CD-R, CD-RW
Resolution Ratio	Greater Than 500 lines
Video S/N Ratio	65dB
Frequency Response	fs (96KHz/24bit) 4Hz - 44KHz: +/-2dB
Audio S/N Ratio	95dB
Degree of Distortion	<0.01%
D/A Converter	96KHz/24bit
Video Out	1Vp-p(75Ω)
S-Video Out	Y: 1Vp-p(75Ω); C: 0.286Vp-p(75Ω)
Audio Out	2.0V±0.2V
Digital Audio Output	Coaxial
Connections	CVBS Connection, S-Video, 2 Channel Output
Power Supply	AC 110-240V/50/60Hz
Consumed Power	25W

Because its products are subject to continuous improvement, Norcent Technology reserves the right to modify product design and/or specifications without notice and without incurring any obligations.

PRECAUTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING: TO AVOID THE DANGER OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. NEVER OPEN THE CABINET, AS DANGEROUS HIGH VOLTAGES ARE CONTAINED INSIDE. ONLY A QUALIFIED SERVICE TECHNICIAN SHOULD ATTEMPT OPEN THE CABINET.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT INTO ELECTRICAL SOCKET.

CAUTION: This Digital Versatile Disc Player employs a laser system. To prevent direct exposure to the laser beam, do not open the enclosure. Visible laser radiation is present when enclosure is open. **DO NOT STARE INTO BEAM.** Additionally, the use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location, or contact Norcent Technology.



This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- ◆ Reorient or relocate the receiving antenna
- ◆ Increase the separation between the equipment and receiver
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- ◆ Consult the dealer or an experienced radio/TV technician for help

FCC Caution: Any changes or modifications not expressly approved by Norcent Technology could void the user's authority to operate this equipment.

INDUSTRY CANADA REQUIREMENT

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.



PROTECT YOURSELF!

Record the model and serial numbers for this unit while it is easy to see them. These numbers are located on the back of the unit's cabinet. Retain this information for future reference.

Model No. : DP300

Serial No. :

Retain this information for future reference.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE IS NO USER SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION: Is it important that you read and follow all of the instructions in this booklet and any marked on the unit itself. Retain this booklet for future reference.

Accessories----Never place this product on an unstable platform, stand, cart, wall mount, shelf, or table. The product may fall, causing serious personal injury to persons and pets, as well as seriously damaging the product. Use only with a stable platform, stand, cart, wall mount, shelf, or table that has been recommended by Norcent Technology or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and use a mounting accessory recommended by the manufacturer. This unit while positioned on some type of cart must be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

Attachments----Use only attachments recommended by Norcent Technology, as others may cause safety and/or fire hazards.

Cleaning----Always unplug this unit from the wall electrical outlet before cleaning. Do not use liquid or aerosol cleaners; use a damp cloth for cleaning.

Grounding or Polarization - This product is equipped with either a polarized AC plug (a plug having one blade wider than the other) or with a three-wire grounding-type plug. These plugs fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician. Do not defeat the safety purpose of the polarized plug in any way or manner.

Lightning----For added product protection during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and/or disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

Object and Liquid---- Entry Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on or into the product.

Outdoor Antenna Grounding----If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size or grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Overloading----Do not overload wall outlets, extension cords, or integral convenience receptacles, as this may result in a fire or electric shock.

Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Power Lines----An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Power Sources----This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions. This DVD player operates on 120V AC/60Hz. Do not turn off unit immediately after turning on; wait at least 10 seconds.

Replacement Parts----When replacement parts are required, be sure the service technician has used replacement parts specified by Norcent Technology or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check----Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Servicing----Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

TV System----This unit is compatible with television sets featuring either the NTSC or PAL color system.

Ventilation----Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation and protection from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Never place this product near a heat source, such as heat registers, stoves, radiators, or any other product that produces heat.

Water and Moisture----Do not use this product near sources of water and moisture, such as bath tub, wash bowl, kitchen sink, or wash machine; in a wet, damp basement; or near a swimming pool or similar locations. If moisture condensation occurs, remove any disc, connect the unit's power cord to a wall outlet, turn the unit on, and leave it on for two to three hours. By then, the unit will have warmed up and evaporated any moisture.

This handy trouble-shooting guide is provided to save you time in case you experience any inconvenience with this DVD player. If the problem is not listed or is the provided solution does not correct the problem please call our customer support department at (800) 916-4011.

Problem	Possible Solution
No power	1. Check to ensure that the power plug is securely in the wall outlet.
No sound	1. Check the connection between the DVD player and the TV set, amplifier, or any other unit it is connected to. 2. Check to ensure the TV and amplifier are in the correct mode (video 1).
No picture	1. Check the connection between the DVD player and the TV set or any other unit it is connected to. 2. Check to make sure TV is turned.
Disc does not play	1. Check to make sure the disc is loaded correctly (label side facing up on disc tray). 2. Check that disc is clean from dirt, dust, finger prints, smudges. 3. Check to ensure disc is within the guides on the tray. 4. Check parental lock function is on. 5. Make sure disc is for use in region 1.
Remote does not work	1. Check batteries; possibly replace. 2. Check to ensure there isn't any obstacles between the remote sensor on the unit's front panel and the remote control. 3. Be sure the remote is aimed at the remote sensor.
Divided picture	Check that disc is clean and has no scratches. 2. The unit is controlled by a microcomputer, which may need to be reset. Turn off the unit's power, wait several seconds, then turn back on.
No color picture	1. Check to see if the S connector is damaged (bent pin).
MP3 discs don't play	1. Use another software edition to reburn disc, as the edition used may not be compatible with the player. 2. Use new editions of software such as Audio station 4, Easy CD Creator, Toast Titanium, etc. 3. Make sure MP3 file is not encoded with a variable bit rate, such as provided by Real Networks.

Joint photographic experts group (JPEG) produces standards for continuous tone image coding. It is a widely used format for compressing and saving images. It uses high-efficiency compression data to compress images up to 15x to 20x. JPEG is supported by most of the image processing software in use today, and is suitable for storing photo images. This Norcent DVD player can decode JPEG formatted picture CDs.

Play by Number Keys

1. Follow the basic operating instructions to insert the picture CD disc. Once the disc tray is closed, the machine will automatically search for the information on the disc and show it on the TV screen.
2. Press the number keys to select an image album. Note: The number keys are only functional within the current image album.

Play by Menu

1. Follow the basic operating instructions to insert the picture CD disc. Once the disc tray is closed, the machine will automatically search for the information on the disc and display the main menu on the TV screen.
2. Press the directional scroll keys to select images and press the PLAY key.
3. To select other images, press STOP key, then press directional scroll keys. Once image is selected, press the PLAY key.

Other JPEG Functions

1. While playing a JPEG file, functions such as pause, random play, repeat play and others are still available.
2. Press the RESUME key when playing JPEG files to select various image display modes.
3. Press the PREV or NEXT keys when playing JPEG files to select either the previous or next image.
4. The zoom function is operable while showing JPEG images. Press the ZOOM key to use the zoom function, press again to close it.
5. Press FAST FORWARD or FAST RETURN keys when in zoom function to zoom in or out.
6. Press the directional scroll keys when in zoom function to rotate an image.



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The following will help you get the most enjoyment from your Norcent DVD player.

BEST LOCATION

The unit should be placed on a firm, flat surface, away from VCRs, stereos, radios, or large speakers, as the magnetic flux from these devices may cause distortion in the sound and a poor picture. If placed in a cabinet, be sure there is at least 1 of free space completely around the unit for proper ventilation.

TO OBTAIN A CLEAR PICTURE

A DVD player is a precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, picture quality will become poor. To obtain a clear picture, regular inspection and maintenance are recommended every 1,000 hours of use, depending on the operating environment. Contact dealer for details.

PLAYABLE DISCS

This Norcent DVD player will play the following types of discs: DVD, MP3, CD, CD-R, and CD-RW with super-error correction ability. It is also capable of displaying picture CDs and digital photo albums. It supports eight languages, up to 32 subtitles, and multi-angle viewing. It features easy setup and operation with on-screen menus. It has full function CPU upgradeable capability.

DIGITAL AUDIO OUTPUT

The unit's coaxial output capability enables you to connect an external six-channel AV amplifier and processor with built-in Dolby Digital codes and MPEG modulating capacity with just one cord. This enables you to conveniently enjoy different DVD, CD, and MP3 discs.

LASER-HEAD OVER-CURRENT PROTECTION SYSTEM

To extend the service life of the laser head, the unit includes a unique laser-head over-current protection system, ensuring a constant laser current.

MP3 is an audio compression technology that uses MPEG3 standards, compressing at a rate of 12:1. Having CD-quality audio, an MP3 disc can record over 600 minutes of music.

Playing an MP3 Disc

1. Follow the basic operating instructions to insert the MP3 disc. Once the disc tray is closed, the machine will automatically search for the information on the disc and show it on the unit's display panel.
2. Press the directional scroll key to select the submenu to be played, then press the directional scroll key to select the desired track. Press the PLAY key. Or, press the appropriate number keys to select a desired track.
3. To select another submenu, press the STOP key then the directional scroll key.

Repeat Play

With repeat play, the same song or all of the songs an MP3 disc can be played over and over.

1. Choose the desired song to be repeated.
2. Press the REPEAT key. REPEAT ONE will appear on the TV screen.
3. If all songs are to be repeated, press the REPEAT key a second time. REPEAT ALL will appear on the TV screen. Press PLAY.
4. To exit the repeat function, press the REPEAT key a third time. EXIT REPEAT will appear on the TV screen.

Note: The mute, volume control, pause, and forward/backward search are still operable as an MP3 disc plays.

The ability to change the camera angle allows viewer to play director and watch a movie from different perspectives.

1. Press the ANGLE key on the remote control. With each press, the camera angle changes.
2. The key may be pressed only when the flashing angle icon appears in the unit's display panel.

Note: Camera angle may be changed only in discs with multi-angle capability encoded into them.

LANGUAGE SELECTION

The unit has the capability to show movies in one of eight languages.

1. Press the LANGUAGE key. The language menu will appear. Scroll to the desired language, then press the LANGUAGE key again.

Note: The disc being played must be multi-language encoded.

SUBTITLES SELECTION

The unit has the capability to display subtitles in any of 32 different languages.

1. Press the SUBTITLE key. The subtitle menu will appear. Scroll to the desired language, then press the SUBTITLE key again.
2. To remove the subtitles from view, press the SUBTITLE key until they disappear.

Note: The disc being played must be multi-subtitle encoded.

SCREEN DISPLAY

While a disc is playing, the status of various functions may be checked, such as the title, track number, and several time categories.

1. Press the DISPLAY key once and the title appears along with the chapter and how much time has played in each of the.
2. Press the DISPLAY key again and the remaining time for that particular title appears.
3. Press the DISPLAY key again and the total elapsed time for that particular title appears.
4. Press the DISPLAY key again and the total remaining time for that particular title appears.
5. Press the DISPLAY key again and the display turns off.

VOLUME/MUTE

The volume on this Norcent DVD player is easily controlled with the remote control by pressing either the VOL + key to raise the volume or the VOL- key to lower it. By pressing the MUTE key, no audio will be heard. To reinstate the audio, press the MUTE key again.

This page contains valuable information regarding the handling, cleaning, and storage of discs played in this unit.

HANDLIN

Handling

Do not touch the playback side of the disc.

Do not attach paper or tape to discs.

Do not stick or write anything on the surface. Protect against fingerprints.

Always hold a disc by the center and edge portions.

Cleaning DISCS

◆ Fingerprints and dirt on the disc may cause picture and/or sound deterioration. Wipe the disc from the center outward with a soft cloth. Always keep the disc clean.

◆ If you cannot wipe the dirt off, lightly use a slightly moistened soft cloth and finish with a dry cloth.

◆ Do not use any type of solvent such as: Paint thinner, benzene, commercially available cleaners or anti-static spray for vinyl LPs.

Storing

Do not store discs in places subject to direct sunlight or near heat sources.

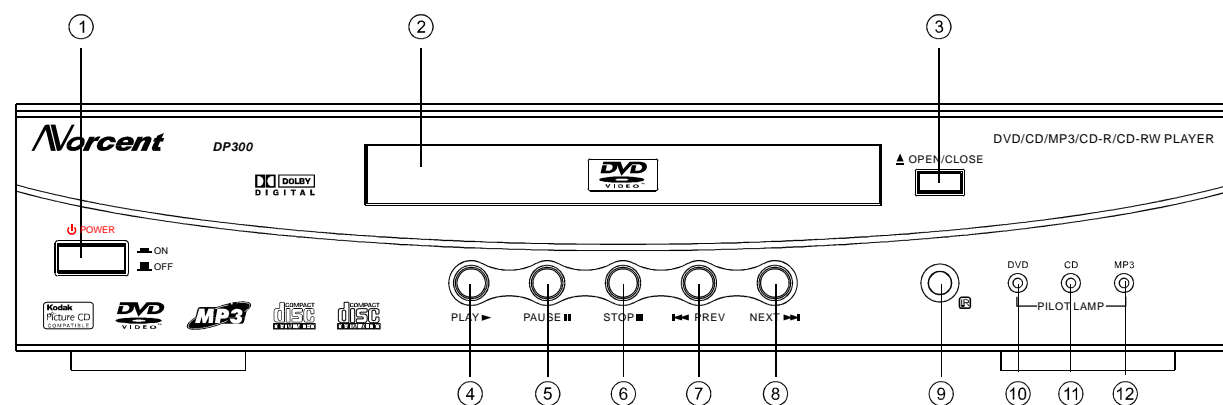
Do not store discs in places subject to moisture and dust.

Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

NOTE: Norcent Technology is not responsible for damage that may occur to any disc that is operated in this unit or not handled, cleaned, or stored as suggested above.

controls

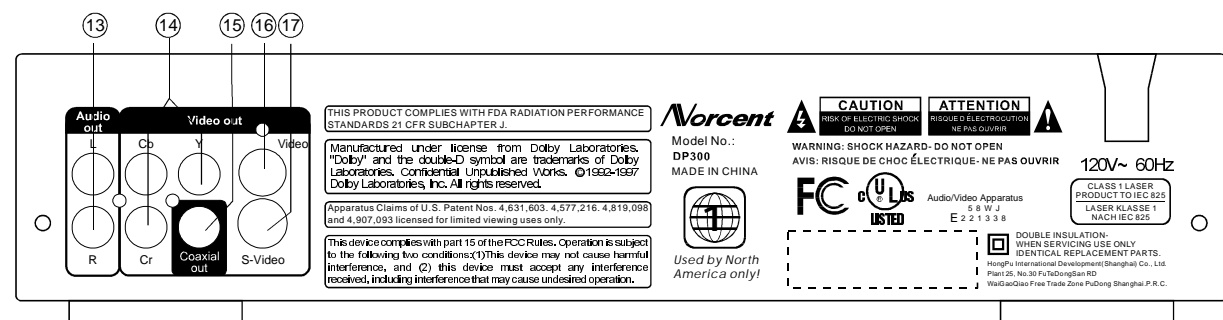
Front panel function:



1. POWER	5. PAUSE	9. SENSOR
2. CABIN DOOR	6. STOP	10. DVD PILOT LAMP
3. OPEN/CLOSE	7. PREV	11. CD PILOT LAMP
4. PLAY	8. NEXT	12. MP3 PILOT LAMP

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Back panel function:



13. AUDIO OUTPUT JACK	15. COAXIAL OUTPUT JACK	17. S-VIDEO OUTPUT JACK
14. COMPONENT VIDEO OUTPUT JACK	16. VIDEO OUTPUT JACK	

LOCATING A TITLE

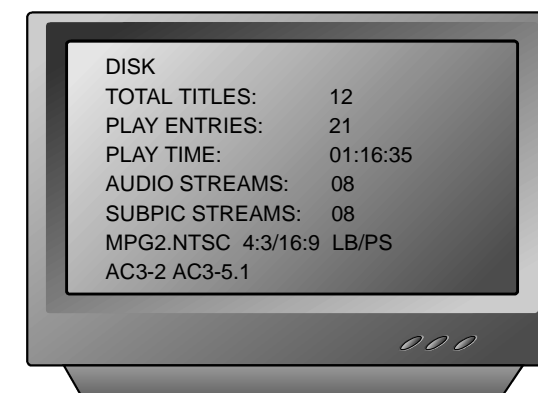
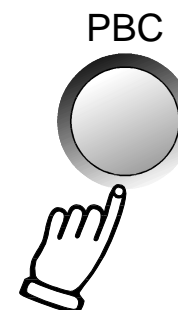
DVD discs are normally divided into titles, which are then sub-divided into chapters. A specific title can be easily found with this unit.

FINDING A TITLE

With this Norcent DVD player, specific titles can be found using either the title menu function, if the DVD disc contains a title menu, or through its unique title number.

Title Menu Function

1. Press the TITLE/RETURN key. The title menu will appear on the TV screen.
2. Press the appropriate scroll key to select the desired title. A title may also be located by pressing its assigned number with the number buttons.
3. Press the TITLE/RETURN key again. This will start playback from chapter 1 of the selected title.



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Some discs do not respond to this function.

If different instructions appear on the TV screen, follow those instructions. The instructions given here describe the basic procedure. Procedures may vary depending on the content of the DVD disc.

Title Number

1. Press the appropriate numbers in the number section of the remote control. For example, for title 15, press the 10 and the 5 keys; for title 25, press the 10, 10, 5 keys.

REPEAT PLAY

This DVD player allows repeated playback of specific titles, chapters/tracks, or segment. It even allows switching between two items that are being repeated.

1. Select the item to repeat.
2. Press the REPEAT key.

The repeat mode changes each time the REPEAT key is pressed (i.e., from title repeat to chapter repeat, etc.)

ZOOM FUNCTION

A picture may be enlarged up to four times during either playback or slow motion through the unit's zoom function. Press the ZOOM key once and it enlarges the image 1.5x; press a second time and the image enlarges 2x; while a third pressing enlarges the image 4x. To return to normal-size playback, press the ZOOM key a fourth time. Enlargement takes place in the center of the picture.

PLAY FUNCTIONS

FAST FORWARD/REVERSE PLAYBACK

The unit features both fast forward and fast reverse playback. Either mode will speed up: DVD disc playing 2x, 4x, 8x, or 20x normal play speed; MP3 disc playing 2x, 4x, 6x, 8x normal play speed; and other disc playing 1x, 2x, 3x, or 4x normal play speed.

To activate either function, simply press the FWD key or REV key on the remote control. The speed changes each time the key is pressed. To resume normal playback, press the PLAY key.

SLOW MOTION

This Norcent DVD player also has the ability to play discs in slow motion in either forward or reverse direction. Each time the SLOW key is pressed, the speed will slow from 1/2, to 1/4, to 1/8 normal speed. To resume normal playback, press the PLAY key.

FRAME-BY-FRAME PLAYBACK

Frame-by-frame advance allows viewer to study a movie virtually one frame at a time.

1. Press the STEP key. The action freezes on screen, while the audio is muted.
2. Each time the STEP key is pressed, the picture advances one frame.
3. To cancel frame-by-frame playback, press the PLAY key and the movie returns to normal speed with audio.

PAUSE DURING PLAYBACK

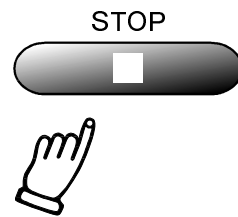
To momentarily stop playback at any time, press the PAUSE key. Press PAUSE again to resume normal playback.

STOP PLAYBACK

To stop playback any time before the completion of a movie, press the STOP key. Press the PLAY key to play the disc again from the beginning.

RESUME PLAYBACK AT LATER TIME

This unit allows the viewer to stop playback, then later continue playback from that exact disc location. Press the STOP key to halt playback. The unit then will memorize the location where playback was stopped. To resume watching, press the PLAY key and the unit will resume playback from the exact location where playback was stopped.



Warning: The following actions will cancel the RESUME function:

- Unplugging the DVD player after playback is stopped.
- Ejecting the disc.
- Adjusting/changing the parental lock or selecting a different language setting.

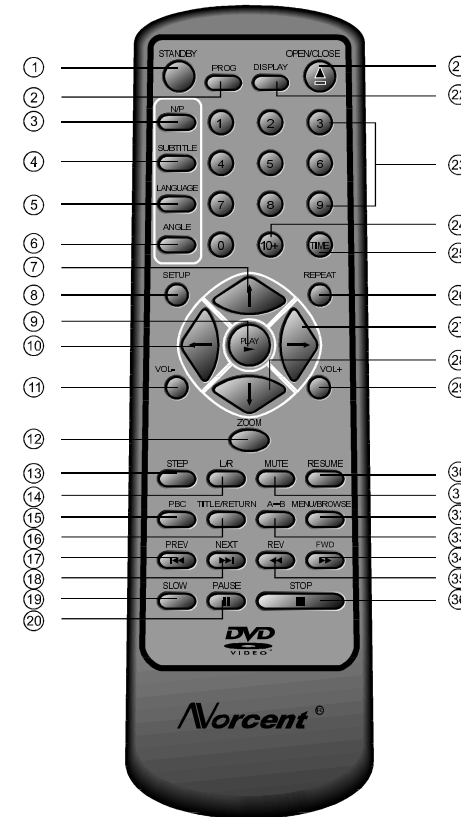
Note: This feature is not available in MP3 and CD modes.

REMOVING DISC

To remove a disc for any reason, press the OPEN/CLOSE key, wait until the disc tray is completely open, then remove the disc. Once the disc is removed, press the OPEN/CLOSE button to close the disc tray.

Description of

Remote Control

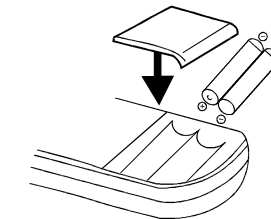


- 1 STANDBY
- 2 PROGRAM
- 3 PLAY MODE
- 4 SUBTITLE
- 5 LANGUAGE
- 6 ANGLE
- 7 UP
- 8 SETUP
- 9 PLAY
- 10 LEFT
- 11 VOLUME -
- 12 ZOOM
- 13 STEP
- 14 L/R CHANNEL
- 15 PBC
- 16 TITLE/RETURN
- 17 PREVIOUS
- 18 NEXT
- 19 SLOW
- 20 PAUSE
- 21 OPEN/CLOSE
- 22 DISPLAY
- 23 0-9 NUMBER KEY
- 24 10+ KEY
- 25 TIME
- 26 REPEAT
- 27 RIGHT
- 28 DOWN
- 29 VOLUME +
- 30 RESUME
- 31 MUTE
- 32 MENU/BROWSE
- 33 A-B REPEAT
- 34 FAST FORWARD
- 35 FAST RETURN
- 36 STOP

Using the Remote Control

Point the remote control at the remote sensor in order for the player to function correctly. The remote will function to approximately 21' from the remote sensor at an angle of approximately 30 each direction.

Note: Directing the remote sensor toward any light source, such as direct sunlight, may cause the unit to malfunction. Do not spill water or put wet items on the remote control. Never disassemble remote control.



BATTERIES

INCORRECT USE OF BATTERIES MAY CAUSE THEM TO LEAK, CORRODE OR EXPLODE.

- ◆ Be sure to place the batteries in the correct direction.
- ◆ It is dangerous to charge/heat/open or short-circuit the batteries.
- ◆ Do not leave dead or expired batteries or mix old/new batteries.
- ◆ When not using the remote control for a long duration of time, remove the batteries. When operating range becomes reduced, replace all batteries with new, fresh ones.
- ◆ If leakage from the battery occurs, wipe the battery liquid from the battery compartment, then replace.

Accessories

Check to make sure the following accessories are included in the unit carton.

- ◆ Remote control
- ◆ A/V cable
- ◆ User's manual
- ◆ Warranty card
- ◆ Remote control batteries
- ◆ Quick installation guide

If any item is damaged or missing, please inform your dealer immediately.

Installing Batteries in Remote Control

Insert the two AAA batteries into the battery compartment of the remote control, making sure the + and- signs on the batteries and inside the battery compartment match up. (See previous page.)

System Connection

Make sure the unit's power is turned off prior to connecting the unit to any other component.

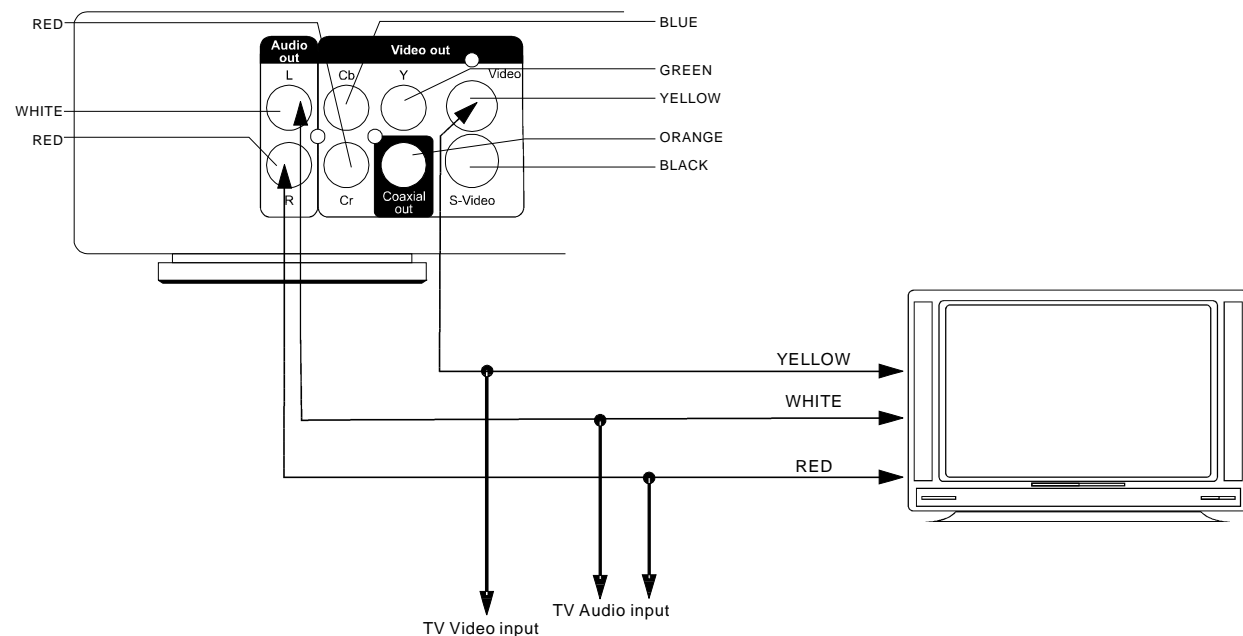
Audio/video cables are color coded for easy installation. Be sure connections are fitted firmly.

Yellow = video terminals

White = audio terminals

Red = audio terminals

Shown below is a schematic for connecting components.



Once the unit is connected to a television set and any other accessory equipment, you are ready to enjoy the excitement of DVD videos or your favorite CDs and MP3 files.

To play a DVD video disc:

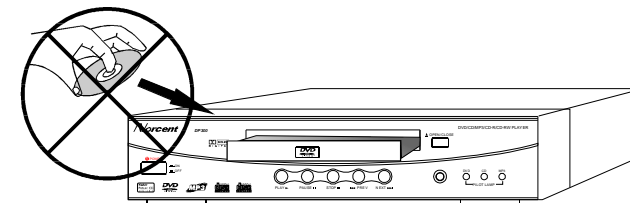
Turn on the TV and select the A/V mode. If the set features a S-Video connection, be sure the S-Video mode is selected from the TV menu. Turn on amplifier, if connected. Select AC-3 or DVD mode.

To play an audio disc:

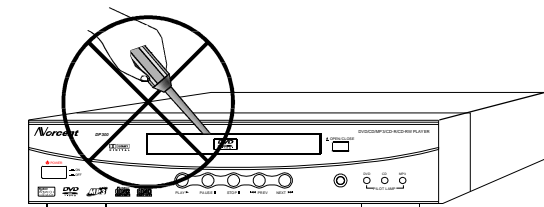
Turn on the audio system and choose the input source that is connected to the DVD player. Set the AUDIO OUTPUT to DIGITAL OUTPUT OFF from the SETUP MENU display if you don't have the proper equipment for Dolby Digital or DTS surround sound.

1. Press the POWER key on front panel. DISC LOADING appears on screen.
2. Press the OPEN/CLOSE key. The disc tray will open.
3. Place the disc on the disc tray. Be sure play side is face down on the tray.
4. Press OPEN/CLOSE key to close tray. The disc tray will close. The disc type will appear in the upper-left-hand corner of the screen.

Once it has read the disc, the unit automatically will begin playback. When playing a DVD, the DVD or title menu will appear. CD tracks are played in sequence.



It is possible to damage a disc if it is not placed correctly on the guides in the disc tray. This may also cause the DVD player to malfunction. Do not force or place anything other than a 5 inch DVD or CD onto the disc tray.

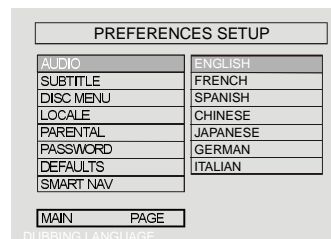


(EXCLAMATION POINT IN TRIANGLE GRAPHIC) Never moving the DVD player during playback, as this may cause damage to the disc as well as the player. To open and close the disc tray, only use the OPEN/CLOSE key found on both the remote control and or the unit's front panel.

While the DVD player is in the stop mode press the **SETUP** key to access the initial setup menu, which includes audio, subtitle, disc menu locale, parental control, password, defaults, smart navigation, and the main menu. These preset values are essential to a DVD player. These items may be changed as desired.

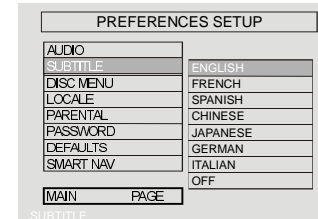
Audio Language

Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



This Norcent DVD player as English, French, Spanish, Chinese, and Japanese as its built-in disc-dubbing language options

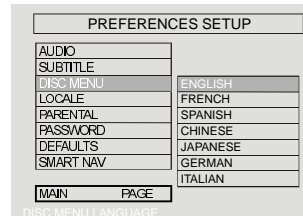
Subtitle
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



This Norcent DVD player as English, French, Spanish, Chinese, and Japanese as its built-in subtitle languages. When a DVD disc is played, the subtitle feature may be selected through this menu. It is also possible to hide the feature through this menu.

Disc Menu

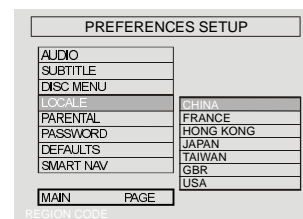
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



This Norcent DVD player as English, French, Spanish, Chinese, Japanese, and off as its built-in film's menu language options.

Locale

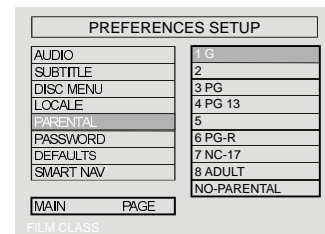
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



Since different countries have different language choices, this DVD unit offers specific locale choices.

Parental Lock

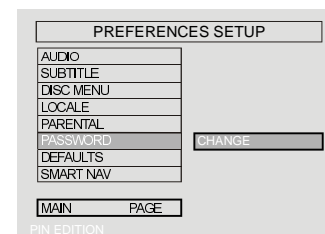
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



By selecting a specific rating, films in that group and above are blocked from being shown.

Password

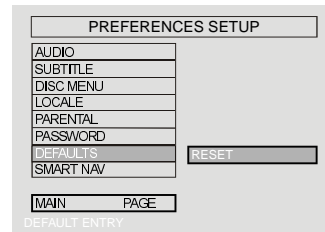
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



The default password for this feature is 0000. It may be changed through this option.

Defaults

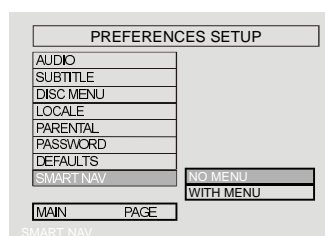
Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



The factory preset defaults may be resumed through this option.

Smart Navigation

Follow the instructions in DVD Menu Setup in combination with the desired option from graphic below.



Select NO MENU if playing an MP3 or picture CD without a menu; or select MENU if playing an Mp3 or picture CD with a menu.

DVD Menu Setup

By pressing the **SETUP** key on the remote control, the main setup menu appears. You will be asked to enter the Personal Identification Number (PIN), which is 0000

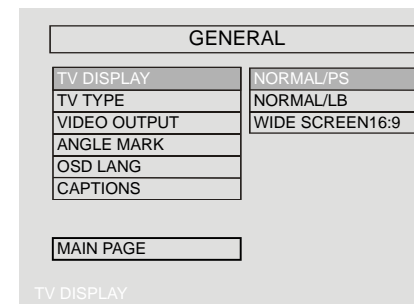
1. After accessing the setup menu, press the scroll key for up or down movement to select a desired item. Once an item is selected, press the **PLAY** key to confirm your entry and to move to the sub-entry.
2. Use the left or right scroll key to move the pointer and the up or down scroll key to select the desired option. Once an item is selected, press the **PLAY** key to confirm your selection. This completes the setup of the selected function.

GENERAL SETUP

This option is used to set up the TV-screen format, video functions, and DVD functions with options of TV display, TV type, video output, angle mark, OSD lang., and captions.

TV Display

Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.

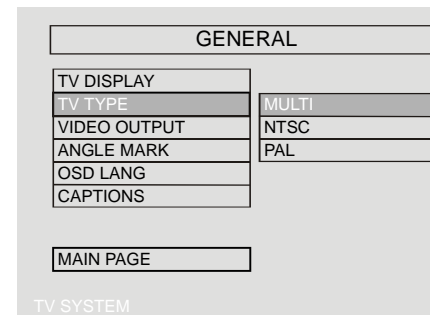


Note: Regardless of what screen format is chosen, if the screen displays in 4:3 format, the picture can only be shown in that format. With DVDs, the screen format is convertible. If the screen displays only in 4:3 format, when a DVD with 16:9 display format is used, the picture will be flattened.

TV screen / Film format	4:3			16:9
	Normal	Full view	Mailbox	Wide screen
4:3				
16:9				

TV Type

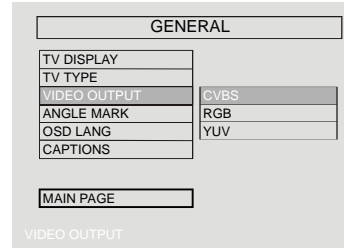
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



This Norcent DVD player supports output of various systems, including auto, NTSC, and PAL. If the TV set has only NTSC or PAL systems, the picture will blink and become colorless when the wrong system is selected. If this occurs, press the N/P key on the remote control to return to the normal screen. Remember to always select the correct system.

For more information on output format, refer to the TV set's manufacturer's instructions.

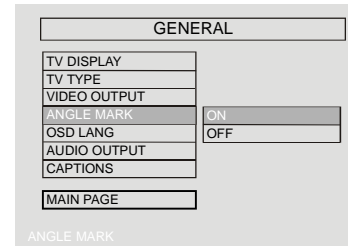
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



There are three video output choices: Use the CVBS output if the S-Video output jack has been selected; use the RGB output if the RGB output jack has been selected; or use the YUV output if the component output jack has been selected.

Angle Mark

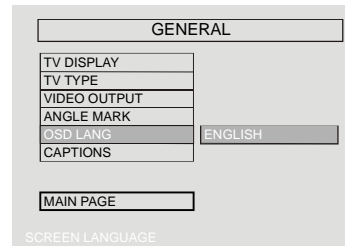
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



When a DVD with multiple angles is played, a particular camera angle may be selected by the viewer.

OSD Lang.

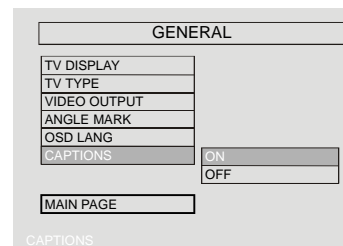
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



This is used to set the language of the setup menu and screen display.

Captions

Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.

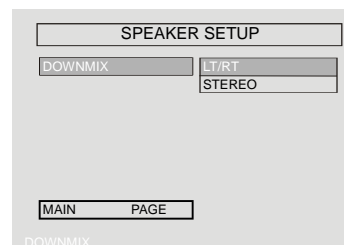


SPEAKER SETUP

This submenu option includes downmix mode and main.

Downmix Mode

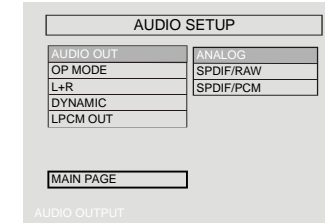
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



The audio setting includes audio out, OP mode, L+R, dynamic, and LPCM out.

Audio Out

Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.

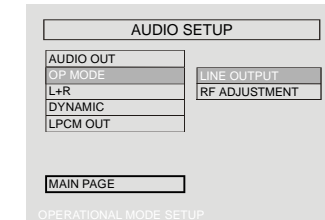


This DVD player provides three types of audio output:

1. Analog Needs connection of terminals on the back panel to the left and right speakers.
2. SPDIF/RAW This surrounding form is realized through optical and coaxial output of Dolby Digital signals from the back panel.
3. SPDIF/PCM The same as #2.

OP Mode

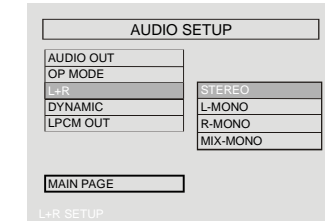
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



Both of the line output and RF adjustment options are applicable in all conditions. Due to its suitability and convenience in most cases, line output is used. In some conditions, for instance when headphones are used, the RF mode may be used.

L+R

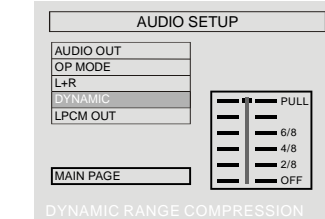
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



If an amplifier/decoder is being used with this DVD player and it has Dolby Digital output, the following selections may be made: stereo, left, right, or mixed sound accordingly.

Dynamic

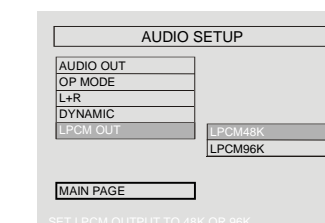
Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



To avoid a disturbing trembling sound, the dynamic function lowers the volume without changing the original tone.

LPCM Out

Follow the instructions above in DVD Menu Setup in combination with the desired option from graphic below.



Warranty obligations of Norcent Technology, Inc. are limited to the terms set forth below:

1. Norcent Technology warrants to the original consumer purchaser that this Norcent DVD player will be free from defects in material and workmanship for the Standard Warranty Period of one year. The start of the warranty period is the date of purchase, verifiable by a dated sales receipt.
2. The warranty on a replacement player is the remainder of the warranty period on the original player or 90 days, whichever is longer.
3. If the original consumer purchaser discovers a defect, Norcent Technology will, at its option, repair the DVD player at no charge to the consumer, provided it is returned during the warranty period, with transportation charges prepaid, to Norcent Technology, Inc. At the address below. The unit must be sent properly packaged in original Norcent Technology packaging or in Norcent Technology-approved packaging.
4. For warranty service, contact Norcent Technology at (800) 916-4011 (in the U.S.A.) to obtain a Return Material Authorization (RMA) number. A copy of the original dated sales receipt bearing the appropriate Norcent Technology serial number may be required for warranty service.

The following are not covered under this warranty:

- Normal wear and tear
- Abuse, unreasonable use, mistreatment, or neglect
- Damage caused by the equipment or system with which the disc player is used
- Damage caused by modification or repair not made or authorized by Norcent Technology, Inc.
- Disc player whose Norcent Technology, Inc. serial number has been removed or defaced
- Damage caused by use of non-Norcent Technology, Inc. packaging
- Damage caused by improper or improperly used packaging
- Players that are determined to be stolen

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Some states do not allow the exclusion of limitation of incidental or consequential damages or exclusion of implied warranties, so the above limitations or exclusions may not apply to you. This warranty gives you special legal rights; you also have other rights that vary from state to state.